

PCT09

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/830,080

DATE: 10/29/2001  
 TIME: 14:22:26

Input Set : A:\68443soh.app  
 Output Set: N:\CRF3\10292001\I830080.raw

ENTERED

```

3 <110> APPLICANT: Affibody Technology Sweden AB
4   Hober, Sophia
5   Uhlen, Mathias
6   Gardner, Rebecca
8 <120> TITLE OF INVENTION: A method of affinity separation and ligands for use
9   therein
11 <130> FILE REFERENCE: 27.59.68443/001.hd
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/830,080
C--> 14 <141> CURRENT FILING DATE: 2001-09-24
16 <160> NUMBER OF SEQ ID NOS: 15
18 <170> SOFTWARE: PatentIn Ver. 2.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 65
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence:mutant of wild
27   type ABD
29 <400> SEQUENCE: 1
30 Met Lys Ala Ile Phe Val Leu Asn Ala Gln His Asp Glu Ala Val Asp
31   1             5             10            15
33 Ala Asn Ser Leu Ala Glu Ala Lys Val Leu Ala Leu Arg Glu Leu Asp
34             20             25            30
36 Lys Tyr Gly Val Ser Asp Tyr Tyr Lys Asp Leu Ile Asp Lys Ala Lys
37             35             40            45
39 Thr Val Glu Gly Val Lys Ala Leu Ile Asp Glu Ile Leu Ala Ala Leu
40             50             55            60
42 Pro
43 65
46 <210> SEQ ID NO: 2
47 <211> LENGTH: 31
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
54 <400> SEQUENCE: 2
55 acgtaaaaag ggtatctaga attatgaaag c
56                                     31
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 32
59 <212> TYPE: DNA
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
65 <400> SEQUENCE: 3
66 cagaatcgag actctctcga gctgtttata cc
67                                     32
68 <210> SEQ ID NO: 4
69 <211> LENGTH: 57

```

## RAW SEQUENCE LISTING

DATE: 10/29/2001

PATENT APPLICATION: US/09/830,080

TIME: 14:22:26

Input Set : A:\68443soh.app

Output Set: N:\CRF3\10292001\I830080.raw

70 <212> TYPE: DNA  
71 <213> ORGANISM: Artificial Sequence  
73 <220> FEATURE:  
74 <223> OTHER INFORMATION: Description of Artificial Sequence:primer  
76 <400> SEQUENCE: 4  
77 gagagagctc gacaaatatg gagtaagtga ctattacaag gatctaatacg ataaagc 57  
79 <210> SEQ ID NO: 5  
80 <211> LENGTH: 24  
81 <212> TYPE: DNA  
82 <213> ORGANISM: Artificial Sequence  
84 <220> FEATURE:  
85 <223> OTHER INFORMATION: Description of Artificial Sequence:primer  
87 <400> SEQUENCE: 5  
88 ccgcctactc tcttctaaaa gtcg 24  
90 <210> SEQ ID NO: 6  
91 <211> LENGTH: 42  
92 <212> TYPE: DNA  
93 <213> ORGANISM: Artificial Sequence  
95 <220> FEATURE:  
96 <223> OTHER INFORMATION: Description of Artificial Sequence:primer  
98 <400> SEQUENCE: 6  
99 gtagacgcga attcattagc tgctgctaaa gcagctgctc tg 42  
101 <210> SEQ ID NO: 7  
102 <211> LENGTH: 30  
103 <212> TYPE: DNA  
104 <213> ORGANISM: Artificial Sequence  
106 <220> FEATURE:  
107 <223> OTHER INFORMATION: Description of Artificial Sequence:primer  
109 <400> SEQUENCE: 7  
110 actccatatg cgtcgagcgc tgccagagct 30  
112 <210> SEQ ID NO: 8  
113 <211> LENGTH: 29  
114 <212> TYPE: DNA  
115 <213> ORGANISM: Artificial Sequence  
117 <220> FEATURE:  
118 <223> OTHER INFORMATION: Description of Artificial Sequence:primer  
120 <400> SEQUENCE: 8  
121 agcgctcgac gcatatggag taagtgact 29  
123 <210> SEQ ID NO: 9  
124 <211> LENGTH: 29  
125 <212> TYPE: DNA  
126 <213> ORGANISM: Artificial Sequence  
128 <220> FEATURE:  
129 <223> OTHER INFORMATION: Description of Artificial Sequence:primer  
131 <400> SEQUENCE: 9  
132 gtgtagcagc actggcagct gaaatttta 29  
134 <210> SEQ ID NO: 10  
135 <211> LENGTH: 35  
136 <212> TYPE: DNA

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/830,080

DATE: 10/29/2001  
 TIME: 14:22:26

Input Set : A:\68443soh.app  
 Output Set: N:\CRF3\10292001\I830080.raw

```

137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
142 <400> SEQUENCE: 10
143 aaaatttcag ctgccagtgc tgctacacct tcaac 35
145 <210> SEQ ID NO: 11
146 <211> LENGTH: 198
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence:mutant version
152 of ABD
154 <400> SEQUENCE: 11
155 atgaaagcaa ttttcgtact gaatgcgcaa cacgatgaag ccgtagacgc gaattcatta 60
156 gctgaagcta aagtcttagc tctgagagag ctcgacaaat atggagtaag tgactattac 120
157 aaggatctaa tcgataaagc caaaactggt gaaggtgtaa aagcactgat agatgaaatt 180
158 ttagctgcat taccttaa 198
160 <210> SEQ ID NO: 12
161 <211> LENGTH: 372
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence:mutant version
167 of ABD
169 <400> SEQUENCE: 12
170 atgaaagcaa ttttcgtact gaatgcgcaa cacgatgaag ccgtagacaa caaattcaac 60
171 aaagaacaa aaaacgcgtt ctatgagatc ttacatttac ctaacttaa cgaagaacaa 120
172 cgaaacgcct tcatccaaag tttaaaagat gacccaagcc aaagcgctaa ccttttagca 180
173 gaagctaaaa agctaaatga tgctcaggcg ccgaaagtag acgcgaattc attagctgaa 240
174 gctaaagtct tagctctgag agagctcgac aaatatggag taagtgacta ttacaaggat 300
175 ctaatcgata aagccaaaac tggtgaaggt gtaaaagcac tgatagatga aatttttagct 360
176 gcattacctt aa 372
178 <210> SEQ ID NO: 13
179 <211> LENGTH: 198
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Description of Artificial Sequence:mutant version
185 of ABD
187 <400> SEQUENCE: 13
188 atgaaagcaa ttttcgtact gaatgcgcaa cacgatgaag ccgtagacgc gaattcatta 60
189 gctgctgcta aagcagctgc tctgagagag ctcgacaaat atggagtaag tgactattac 120
190 aaggatctaa tcgataaagc caaaactggt gaaggtgtaa aagcactgat agatgaaatt 180
191 ttagctgcat taccttaa 198
193 <210> SEQ ID NO: 14
194 <211> LENGTH: 198
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:

```

## RAW SEQUENCE LISTING

DATE: 10/29/2001

PATENT APPLICATION: US/09/830,080

TIME: 14:22:26

Input Set : A:\68443soh.app

Output Set: N:\CRF3\10292001\I830080.raw

199 <223> OTHER INFORMATION: Description of Artificial Sequence:mutant version  
200 of ABD  
202 <400> SEQUENCE: 14  
203 atgaaagcaa ttttcgtact gaatgcgcaa cacgatgaag ccgtagacgc gaattcatta 60  
204 gctgaagcta aagtcttagc tctggcagcg ctcgacgcat atggagtaag tgactattac 120  
205 aaggatctaa tcgataaagc caaaactggt gaaggtgtaa aagcactgat agatgaaatt 180  
206 ttagctgcat taccttaa 198  
208 <210> SEQ ID NO: 15  
209 <211> LENGTH: 198  
210 <212> TYPE: DNA  
211 <213> ORGANISM: Artificial Sequence  
213 <220> FEATURE:  
214 <223> OTHER INFORMATION: Description of Artificial Sequence:mutant version  
215 of ABD  
217 <400> SEQUENCE: 15  
218 atgaaagcaa ttttcgtact gaatgcgcaa cacgatgaag ccgtagacgc gaattcatta 60  
219 gctgaagcta aagtcttagc tctgagagag ctcgacaaat atggagtaag tgactattac 120  
220 aaggatctaa tcgataaagc caaaactggt gaaggtgtag cagcactggc agctgaaatt 180  
221 ttagctgcat taccttaa 198

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/830,080

DATE: 10/29/2001

TIME: 14:22:27

Input Set : A:\68443soh.app

Output Set: N:\CRF3\10292001\I830080.raw

L:13 M:270 C: Current Application Number differs, Replaced Application Number

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date